

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims:

1. (Previously Presented) A method of consolidating particulates in a subterranean region comprising the steps of:

applying a preflush fluid to the subterranean region;

applying a resin composition to the subterranean region wherein the resin comprises:

from about 5% to about 30% phenol by weight of the resin composition;

from about 40% to about 70% phenol formaldehyde by weight of the resin composition;

from about 10% to about 40% furfuryl alcohol by weight of the resin composition;

from about 0.1% to about 3% of a silane coupling agent by weight of the resin composition; and,

from about 1% to about 15% of a surfactant by weight of the resin composition; and,

applying an after-flush fluid to the subterranean region.

2. (Original) The method of claim 1 wherein the unconsolidated region is an area surrounding a wellbore.

3. (Original) The method of claim 2 wherein the resin is applied such that the area surrounding the wellbore is saturated to a depth from about 1 to about 3 feet.

4. (Original) The method of claim 1 wherein the unconsolidated region is an area surrounding a fracture.

5. (Original) The method of claim 4 wherein the resin is applied such that the area surrounding the fracture is saturated to a depth is from about 0.25 to about 2 inches.

6. (Original) The method of claim 1 wherein the preflush fluid comprises an aqueous liquid and a surfactant.

7. (Currently Amended) The method of claim 6 wherein the aqueous liquid is selected from the group consisting of fresh water, salt water, brine, ~~or~~ and mixtures thereof.

8. (Currently Amended) The method of claim 6 wherein the surfactant ~~comprises is~~ selected from the group consisting of ethoxylated nonyl phenol phosphate ester, a-cationic surfactant surfactants, a-non-ionic surfactant surfactants, an-alkyl phosphonate surfactant surfactants, or and combinations thereof.

9. (Currently Amended) The method of claim 1 wherein the silane coupling agent is selected from the group consisting of N-2-(aminoethyl)-3-aminopropyltrimethoxysilane, 3-glycidoxypropyltrimethoxysilane, n-beta- (aminoethyl)-gamma-aminopropyl trimethoxysilane, or and combinations thereof.

10. (Currently Amended) The method of claim 1 wherein the surfactant is selected from the group consisting of ethoxylated nonyl phenol phosphate ester, a-cationic surfactant surfactants, a-non-ionic surfactant surfactants, an-alkyl phosphonate surfactant surfactants, or and combinations thereof.

11. (Original) The method of claim 1 wherein the resin composition has a viscosity of below 100 cP.

12. (Original) The method of claim 1 wherein the resin composition further comprises a solvent.

13. (Currently Amended) The method of claim 12 wherein the solvent ~~comprises is~~ selected from the group consisting of 2-butoxy ethanol, butylglycidyl ether, dipropylene glycol methyl ether, dipropylene glycol dimethyl ether, dimethyl sulfoxide, dimethyl formamide, diethyleneglycol methyl ether, diethylene glycol dimethyl ether, ethyleneglycol butyl ether, diethyleneglycol butyl ether, gamma-butyrolactone, butylene carbonate, propylene carbonate, ethylene carbonate, methanol, butyl alcohol, ~~d-limonene~~ d-limonene, fatty acid methyl esters, or and combinations thereof.

14. (Currently Amended) The method of claim 1 wherein the ~~aqueous liquid in the~~ preflush solution comprises an aqueous liquid selected from the group consisting of fresh water, salt water, brine, or and mixtures thereof.

15. (Currently Amended) The method of claim 1 wherein the ~~surfactant in the~~ preflush solution comprises a surfactant selected from the group consisting of ethoxylated nonyl phenol phosphate ester, cationic surfactant surfactants, non-ionic surfactant surfactants, alkyl phosphonate surfactant surfactants, or and mixtures thereof.

16. (Currently Amended) The method of claim 1 wherein the after-flush fluid comprises an aqueous liquid selected from the group consisting of fresh water, salt water, brine, or and mixtures thereof.

17. (Original) The method of claim 1 wherein the after-flush fluid comprises nitrogen.

18. (Original) The method of claim 1 further comprising the step of, after applying the after-flush fluid, waiting a chosen period of time.

19. (Original) The method of claim 18 wherein the chosen period of time is from about 6 to about 48 hours.

20 -26. (Cancelled)